



REDCO

*Where The World Gets To Work*

EL PASO REGIONAL ECONOMIC DEVELOPMENT CORPORATION  
EL PASO • CUIJADO • IRVING • DALLAS • NEW MEXICO

# ***El Paso REDCo Regional Overview***

AUSA National  
October 2009

## Regional Overview

### Agenda

- **Our Mission**
- **What's happening in the Region**
- **Regional Defense Overview**

## El Paso Regional Economic Development Organization (REDCo)

### Mission:

To recruit new industry and facilitate the retention and expansion of new jobs and capital investment in our region.

### What is REDCo:

Private non-profit organization

Confidential, no-fee, consultant to industry and business interested in the region

Matches industry capabilities to operational requirements within government and private organizations

### Target Industries:

Defense &  
Homeland Security  
(Cypress International)



Automotive  
(McCallum-Sweeney)



Life Sciences  
(FLUOR)



Alternative &  
Renewable Energy



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## What's Happening in the Region

### UTEP & NMSU:

- 1,200+ scientists and engineers
- CDSR, COEBSI



### US Air Force - Holloman AFB

- USAF UAV Pilot Training Center
- 46<sup>th</sup> Test Grp / WSMR / NMSU Partnering

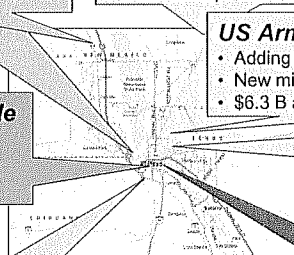


### US Army - Ft Bliss / WSMR

- Adding 24,000 troops
- New missions (1AD, CAB, BCTs, FFID)
- \$6.3 B annual impact

### \$50B+ in US-Mexico Trade

- EP #20 in export generation
- 45,000 daily vehicle crossings
- 23,000 pedestrians daily



### \$1B + in bond issues passed

Schools, parks, museums, infrastructure, children's hospital



### Among the Continent's Largest Mfg Centers

- 260,000+ mfg jobs
- 120,000 automotive-related
- 70+ Fortune 500 firms



### Texas Tech -- building America's newest medical school



Texas Tech University  
HEALTH SCIENCES CENTER



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## Regional Defense Overview





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## Regional Defense Complex Assets

### DoD Presence

- **Fort Bliss**
  - BRAC Expansion
  - Power Projection Platform
  - Training Area / Ranges
  - JTF North
  - BCT Modernization
  - William Beaumont Army Medical Center
- **White Sands Missile Range**
  - ATEC Mission
  - Joint, Multi-Agency Test Environment
  - NASA
- **Holloman Air Force Base**
  - F22 Raptor
  - UAS Formal Training Unit
  - USAF 46<sup>th</sup> Test Group

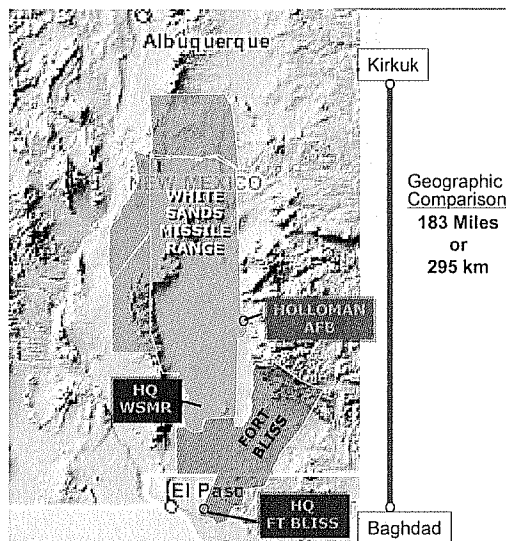
### Force Multipliers in the Region

- **UTEP / NMSU**
  - Scientists / Engineer graduates
  - Center for Defense System Research (UTEP)
  - National Center for Border Security and Immigration (DHS/UTEP)
  - Unmanned Aerial Vehicles Systems and Operations Validation Facility (USOVF)
- **Robust Presence of State, Local and Federal Partners**
  - DHS
    - Customs and Border Protection
    - Border Patrol Field Intelligence Center
  - El Paso Intelligence Center
- **TTUHSC Paul L. Foster School of Medicine**
  - Medical Center of the Americas



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## Unparalleled Testing Environment...



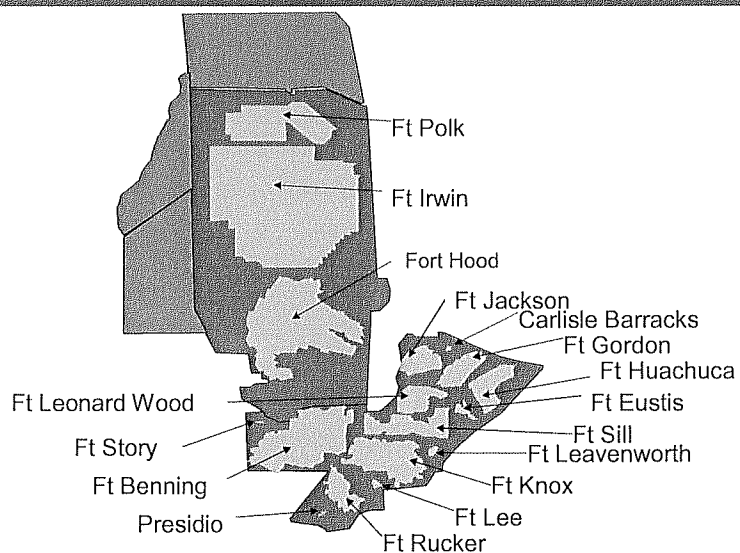
**Largest DoD-controlled air & ground space in the United States**

**Slightly smaller than Connecticut – 7,105 sq. mi.**

**USAF air traffic control from “mud to space”**

**Joint, interagency, & multinational test and maneuver environment**

***Ft Bliss / WSMR  
Land Area***



## Fort Bliss Fiscal Years 05-12

	FY05	FY06	FY07	FY08	FY09	FY10	FY11	FY12
	<div style="text-align: center;">★ ★ ADA SCHOOL</div> <div style="text-align: center;">X 6<sup>th</sup></div> <div style="text-align: center;">★ 32 AAMDC HQ</div> <div style="text-align: center;">X 108<sup>th</sup></div> <div style="text-align: center;">X 31<sup>st</sup></div> <div style="text-align: center;">X 11<sup>th</sup></div> <div style="text-align: center;">II MI</div> <div style="text-align: center;">SGM ACAD</div>	<div style="text-align: center;">+ X </div> <div style="text-align: center;">+ FFID/ PM FCS</div> <div style="text-align: center;">+ MTR TRANS</div> <div style="text-align: center;">1-1 ADA </div> <div style="text-align: center;">- </div>	<div style="text-align: center;">(-) X AETF</div> <div style="text-align: center;">1-13 ADA </div> <div style="text-align: center;">HHB 108<sup>th</sup> </div>	<div style="text-align: center;">+ X </div> <div style="text-align: center;">+ MTR TRANS</div> <div style="text-align: center;">+ II (-) MP</div> <div style="text-align: center;">+ THAAD</div> <div style="text-align: center;">-31<sup>st</sup> </div> <div style="text-align: center;">3-2 ADA </div> <div style="text-align: center;">1-7 ADA </div> <div style="text-align: center;">1-44 ADA </div>	<div style="text-align: center;">+ X </div> <div style="text-align: center;">+ 142nd CSSB</div> <div style="text-align: center;">+ FM</div> <div style="text-align: center;">+ MP</div> <div style="text-align: center;">+ EOD</div> <div style="text-align: center;">3-2 ADA </div> <div style="text-align: center;">★ ★ ADA SCHOOL</div> <div style="text-align: center;">- 6<sup>th</sup> </div>	<div style="text-align: center;">+ </div> <div style="text-align: center;">+ MP</div> <div style="text-align: center;">+ MTR TRANS</div> <div style="text-align: center;">+ THAAD</div>	<div style="text-align: center;">★ ★ DIV HQ</div> <div style="text-align: center;">+ </div> <div style="text-align: center;">+ SUST</div> <div style="text-align: center;">+ </div> <div style="text-align: center;">- </div>	<div style="text-align: center;">★ ★ DIV HQ</div> <div style="text-align: center;">X  X</div> <div style="text-align: center;">X  X</div> <div style="text-align: center;">X  X</div> <div style="text-align: center;">X  X</div> <div style="text-align: center;">X  X</div> <div style="text-align: center;">★ 32 AAMDC HQ</div> <div style="text-align: center;">II MP</div> <div style="text-align: center;">II MI</div> <div style="text-align: center;">THAAD</div> <div style="text-align: center;">MTR TRANS</div> <div style="text-align: center;">II HHB-2 </div> <div style="text-align: center;">SGM ACAD</div> <div style="text-align: center;">EOD + JLENS</div>
	<div style="display: flex; justify-content: space-between;"> <span>+  Added Mission (BRAC, AMF, GDPR, ACP, GTA)</span> <span>-  Loss of Mission (BRAC, AMF, GDPR, ACP)</span> </div> <div style="display: flex; justify-content: space-between;"> <span> Start Pt &amp; End State</span> <span> Completed move</span> </div> <div style="display: flex; justify-content: space-between;"> <span> ADVON arrival / departure</span> </div>							
	Current Solder Population ~ 18,000							
Soldiers	9,330	13,178	14,126	16,904	19,292	25,137	29,542	33,469
Families	15,330	20,517	21,795	25,540	28,759	36,638	42,576	47,869



## BRAC 2005-2012 Population Comparison

By 2012 nearly 1 in every 8 people living in El Paso County will have a direct relationship to Fort Bliss

	2005	2012 Auth	Net Gain/ Loss	Projected % of Growth
Soldiers	9,330	33,469	24,139	259%
Military Students	2,132	700	-1,432	
Family Members	15,330	47,869	32,539	212%
Civilian Employees	3,621	6,962	3,341	92%
<b>Total</b>	<b>30,413</b>	<b>89,001</b>	<b>58,588</b>	

## Research and Development Capability



- Selected by DHS as co-lead with the University of Arizona as the National Center for Border Security Policy, Education and Research
- Emphasis in Multi-Agency Coordination, Command and Control Systems, Surveillance and Tracking Technology



- Fosters UTEPs role in stimulating Regional Economic Development and R&D opportunities
- Facilitates with external stakeholders interested in relationships with UTEP – DHS, DoD, Industry, Federal and State Agencies, Emerging Tech Fund



**Center for Defense Systems Research**

- Develops near-term, applied, user-level, multi-use technical solutions for DoD and DHS
- Target areas include: embedded sensors, software testing programs, information fusion & decision science, and assessment of customer R&D requirements



**W.M. KECK CENTER**  
FOR INNOVATION



- State of the art rapid prototyping and tooling
- Develops scalable and transferable technology
- Micro Fabrication and 3D Technology
- Biomedical Imaging, Modeling and Manufacturing
- Accurate anatomical structures, tissue engineering



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## Research and Development Capability



### College of Business

- Arrowhead Center - More than 160 students take part in more than 100 real-world projects a year.
- Center for Public Utilities - NMSU is one of two universities to train public utility professionals as well as students.



College of Engineering  
Institute for Energy  
& the Environment

- A multidisciplinary, energy sector resource
- Renewable energy R&D Center
- Electrical Utilities Management Program
- Carlsbad Permanent Center of Excellence for Nuclear Waste Management, Emerging Health and Environmental Needs, and Radiological Environmental Monitoring

### Physical Sciences Lab

- 21<sup>st</sup> Century Aerospace - provide expertise in the areas of:

- UAS
- Antennas & Electromagnetics
- Telemetry Products & Solutions
- UAS Flight Test Center
- Development of students pursuing an aerospace career

- Information Sciences & Security Systems

- Modeling & Simulation
- EWS Countermeasures
- Border Technologies
- Systems Development & Integration



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## International Supply Chain Resource

### Among the Continent's Largest Mfg Centers

- 70+ Fortune 500 firms
- 260,000+ mfg jobs
- 120,000 automotive-related

### Transportation Network

- Road – I-10 / US-54; 670 mi to Houston; 710 mi to Los Angeles/Long Beach
- Rail – Served by both Union Pacific and Burlington Northern networks in the US
- Air – Served by 8 passenger and 5 cargo carriers; daily non-stop passenger connections to 16 US and 8 Mexican cities; 3,000 acre Foreign Trade Zone
- Internet – Major North American fiber hub

### ISO 9001 Registered Providers in the Region:

- 336321 Vehicular Lighting Equipment Manufacturing
- 336322 Other Motor Vehicle Electrical and Electronic Equipment Manufacturing
- 336360 Motor Vehicle Steering and Suspension Components (except Spring) Manufacturing
- 336992 Military Armored Vehicle, Tank, and Tank Component Manufacturing
- 541712 Research and Development in the Physical, Engineering, and Life Sciences (except Biotechnology)

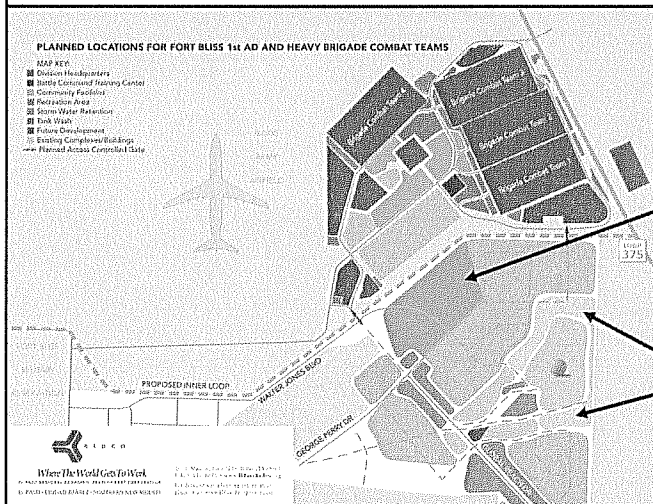
**A Resource for Your Critical Supply Chain Requirements**





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## El Paso International Airport Master Plan



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## Regional Overview

# Questions